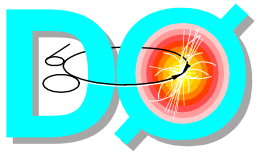


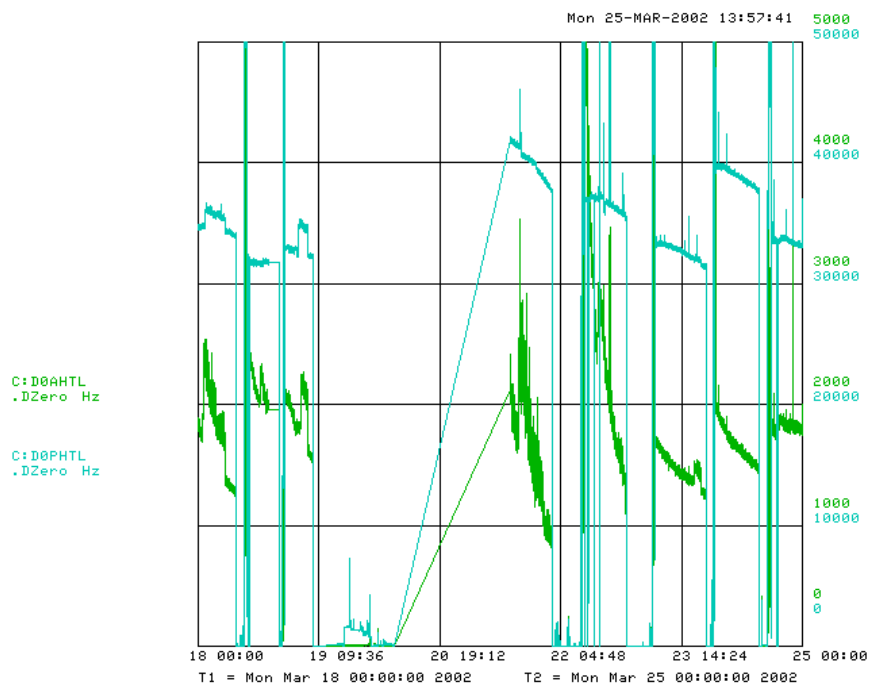
D0 Status: 03/18-03/25

- ◆ Week integrated luminosity
 - 1.6pb⁻¹ delivered
 - 1.2pb⁻¹ utilized (75%)
- ◆ Data collection
 - ▲ global data collections most of the time
 - full detector in readout
 - physics trigger menu: v5.00
 - ▲ major sources of downtime last week
 - master clock problems
 - 4 hours of beam time on Friday
 - 1 hour of beam time on Sunday
 - readout crates problems: muon and CFT
- ◆ D0 farms operation
 - keeping pace with data collected by the detector
 - reconstructing ~4mln events per day
 - recording ~2mln events per day

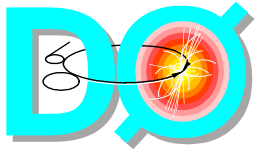


Tevatron Backgrounds

- ◆ Tevatron backgrounds
 - ▲ last week had low/stable p and pbar halos
 - below ~3kHz for pbar
 - below ~40kHz for p
 - no substantial effect on D0 operations

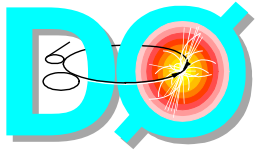


- ▲ getting silicon rad. protection alarms on average every other store
 - step 13
 - more about D0 silicon irradiation in Ron Lipton talk



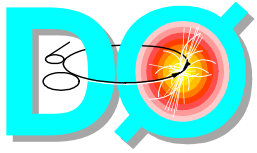
DØ Detector Status

- Luminosity detector
 - ◆ stable operation
 - ◆ estimated measurement accuracy is 10%
- Silicon detector
 - ◆ low voltage supplies status
 - ▲ more than one month of no trips operation
 - ▲ full silicon detector in readout
 - ◆ working on reduction of HV turn ON/OFF time to increase operating efficiency
- Fiber tracker
 - ◆ installation and upgrade of AFE boards continue
 - ▲ ~130 AFE boards are installed on platform
 - ▲ ~100 of installed AFEs are been modified for VLPC temperature stability control
 - ◆ stable operation during data taking with some time devoted to CFT commissioning



DØ Status

- Calorimeter
 - ◆ stable operation
- Muon system
 - ◆ no serious problems
 - ▲ replacement of failed electronics boards
 - ▲ typically over 98% of the system is in readout
 - ◆ beam based forward muon aging/occupancy studies results
 - ▲ system could operate well above luminosity $2 \cdot 10^{32}$ and integrated luminosity of 15 fb^{-1}
- Forward Proton Detector
 - ◆ routine pots insertion during stores
- Plans for this week
 - ◆ currently no access requests
 - ◆ global runs during store later today
 - ◆ cosmic/halo running, master clock and other studies during TeV studies Tuesday-Wednesday
 - ◆ global running during the rest of the week
 - ▲ physics trigger list version 5.00
 - ▲ full detector in readout
 - ▲ rate to tape ~30Hz



Summer 2002 Shutdown

- We are putting together detailed list of DØ summer shutdown activities
 - ◆ at this moment most time/labor consuming job is modification of silicon power supplies
 - ▲ estimate 4 weeks plus detector opening/closing and survey
- 2 weeks shutdown late May - early June has disadvantages for DØ
 - ◆ will be in stable data collection mode for summer conferences
 - ◆ peak time for fiber tracker trigger commissioning
- DØ preferences for summer 2002 shutdown
 - ◆ single shutdown
 - ◆ 6 weeks shutdown beginning between middle of July (after July 12th) and middle of August